



**Landcare Research**  
**Manaaki Whenua**

## Guidelines for Monitoring Land Fragmentation

Envirolink Tools Project 2013-2014  
Training Workshop



Comfort Hotel & Conference Centre  
Wellington, 13 October 2014



Welcome!

# Workshop Purpose

The purpose of the training workshop is to bring together council staff and the Landcare Research project team to:

- Overview guideline development
- Critique the draft guidelines
- Share experiences with initial indicator testing and trial reporting
- Discuss and possibly agree revisions to the draft guidelines and indicators and discuss preferred reporting formats.

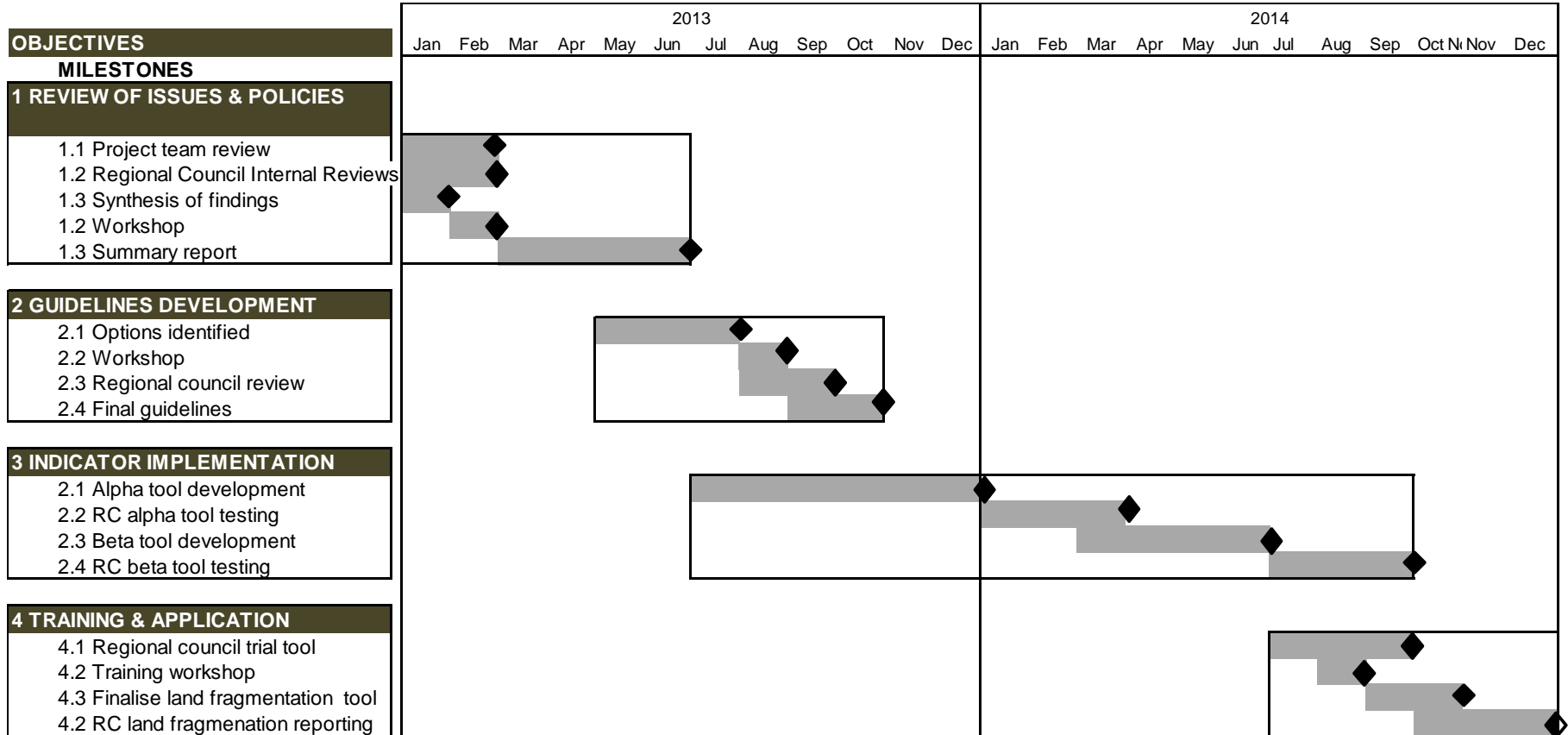
# AGENDA

9:30 – 9:45	Welcome
9:45 – 10:00	Project Update
10:00 – 10:15	Land Fragmentation – Review of Knowledge and Issues
10:15 – 10:30	Morning Tea
10:30 – 11:30	Guidelines Overview + Discussion
11:30 – 12:00	Indicators – Geoprocessing Examples
12:00 – 12:30	Lunch
12:30 – 1:00	Indicators – Calculation Examples
1:00 – 1:30	Discussion (possibly with more examples as time permits)
2:00 – 2:15	Afternoon Tea
2:15 – 3:15	Discussion continues
3:15 – 3:30	Recap & Next Steps

# Project Summary

- Objectives
  - Develop national guidelines and methodologies for measuring land fragmentation trends over time.
  - Develop a tool to assist regional councils with processing and analysing data to monitor and report on land fragmentation trends.
  - Train regional councils in tool use and generate a set of first generation reports for each participating region.
- 2 Years: Jan 2013 – Dec 2014

# Project Schedule



## Project Update

- Review of Knowledge, Issues and Policies complete
- Steering Group formed (Reece, Haydon, Andrew, Fiona, Craig Fredrickson)
- Draft guidelines & indicators development complete; write-up in progress

# Council Monitoring Needs in Perceived Order of Priority

- Land supply for primary production
- Reverse sensitivity
- Other effects
  - Water quality
  - Erosion
  - Biodiversity
  - Others?



## Tool Development

- Based on the experience with the Land Use Database Project we agreed not to develop a software “tool” and instead concentrate on developing guidelines, methods and protocols that councils can implement within their own systems.